

84th FLOOR PLAN

DISCONNECT & REMOVE EXISTING PLUG IN FUSED SWITCHES AND REPLACE WITH PLUG IN CIRCUIT BREAKERS. (SEE BUSWAY SWITCH REPLACEMENT SCHEDULE, THIS DWG). TURN OVER PLUG IN FUSED SWITCHES TO THE PORT AUTHORITY.

SPECIAL OFFSET CABLE TAP BOX IN HUNG CEILING AREA

CEILING CONSTRUCTION

SHEETROCK

EXISTING DOOR

1600A, 480/277V ALUMINUM, PAIRED PHASE BUSWAY TO MATCH EXISTING FEDERAL PACIFIC BUSWAY.

84th FLOOR SECTION A-A &amp; PART RISER

EXISTING 1600A BUSWAY TO REMAIN.

REMOVE 1 EXIST PLUG-IN DISC. SWITCH & RE-INSTALL AFTER COMPLETION OF ELEC. CLOSET WORK.

UTILIZE EXISTING BUSWAY FLOOR SUPPORTS.

DISCONNECT & REMOVE EXISTING PLUG IN FUSED SWITCHES AND REPLACE WITH PLUG IN CIRCUIT BREAKERS. (SEE BUSWAY SWITCH REPLACEMENT SCHEDULE, THIS DWG). TURN OVER PLUG IN FUSED SWITCHES TO THE PORT AUTHORITY.

SPECIAL OFFSET CABLE TAP BOX IN HUNG CEILING AREA

REPOSITION EXISTING CONDUITS TO REMAIN TO ALLOW FOR THE INSTALLATION OF BUSWAY

SHEETROCK

EXISTING DOOR

TRANSITION BOX

1600A, 480/277V ALUMINUM, PAIRED PHASE BUSWAY TO MATCH EXISTING FEDERAL PACIFIC BUSWAY.

65th FLOOR SECTION A-A &amp; PART RISER

#	EXIST. SW. SIZE	EXIST. FUSE RATING	NEW BREAKER RATING	NEW FEEDER	NEW CDT	REMARKS
85S-1	200A	125A	225AF/125AT	4#1 CU	1 1/2"	
86S-1	200A	125A	225AF/125AT	4#1 CU	1 1/2"	
85S-1	200A	125A	225AF/125AT	4#1 CU	1 1/2"	

EXISTING BUSWAY TO REMAIN

TRANSITION BOX.

TO EXIST LIGHTING PANEL.

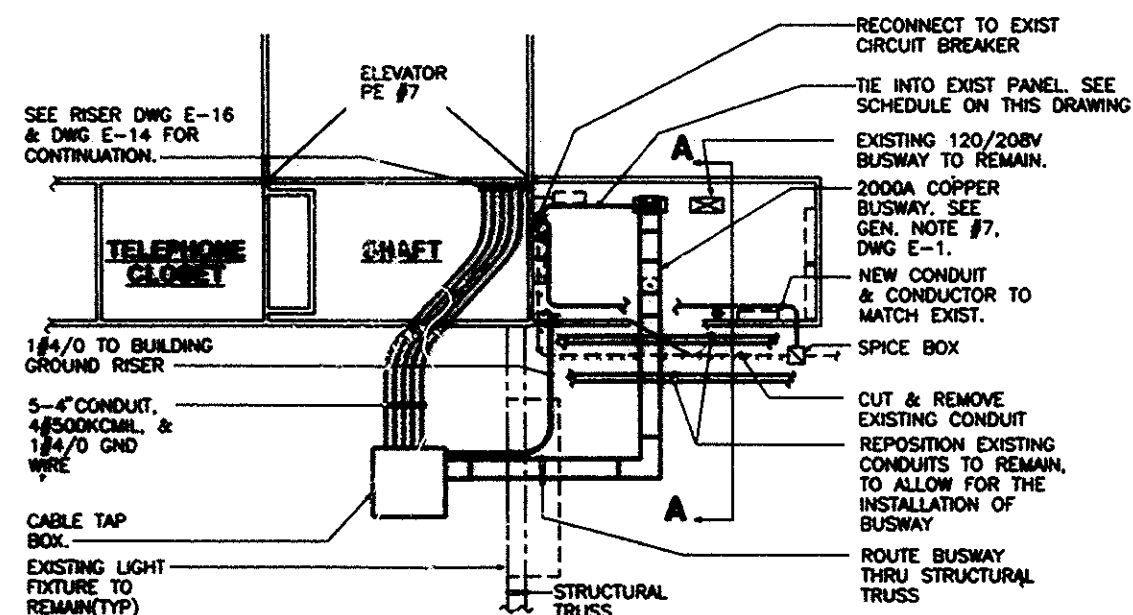
2000A COPPER BUSWAY. SEE GEN. NOTE #7, DWG E-1.

SEE GENERAL NOTE #9, DWG E-1.

REMOVE EXISTING PLUG IN BUSWAY SWITCHES FROM EXISTING BUSWAY & RE-INSTALL AFTER INSTALLATION OF REPLACEMENT BUSWAY. REPLACE EXISTING PANEL FEEDERS AS REQ'D

REMOVE EXISTING 1600A ALUMINUM BUSWAY. SEE GENERAL NOTE #13 & 14 DWG E-1.

EXISTING BUSWAY TO REMAIN (TYP)



65th FLOOR PLAN

EXISTING 1600A BUSWAY TO REMAIN.

REMOVE 1 EXIST PLUG-IN DISC. SWITCH & RE-INSTALL AFTER COMPLETION OF ELEC. CLOSET WORK.

UTILIZE EXISTING BUSWAY FLOOR SUPPORTS.

DISCONNECT & REMOVE EXISTING PLUG IN FUSED SWITCHES AND REPLACE WITH PLUG IN CIRCUIT BREAKERS. (SEE BUSWAY SWITCH REPLACEMENT SCHEDULE, THIS DWG). TURN OVER PLUG IN FUSED SWITCHES TO THE PORT AUTHORITY.

SPECIAL OFFSET CABLE TAP BOX IN HUNG CEILING AREA

REPOSITION EXISTING CONDUITS TO REMAIN TO ALLOW FOR THE INSTALLATION OF BUSWAY

SHEETROCK

EXISTING DOOR

TRANSITION BOX

1600A, 480/277V ALUMINUM, PAIRED PHASE BUSWAY TO MATCH EXISTING FEDERAL PACIFIC BUSWAY.

65th FLOOR SECTION A-A &amp; PART RISER

HOLLOW BUSWAY ENCLOSURE TO ATTACH TO EXISTING BUSWAY STRUCTURAL SUPPORT. CAP EXISTING BUSWAY.

67th FLOOR

CAP BUSWAY

TO EXISTING LIGHTING PANEL.

2000A COPPER BUSWAY. SEE GEN. NOTE #7, DWG E-1

66th FLOOR

DISCONNECT & REMOVE EXISTING PLUG IN FUSED SWITCHES AND REPLACE WITH PLUG IN CIRCUIT BREAKERS. (SEE BUSWAY SWITCH REPLACEMENT SCHEDULE, THIS DWG). TURN OVER PLUG IN FUSED SWITCHES TO THE PORT AUTHORITY.

TO EXISTING LIGHTING PANEL.

2000A COPPER BUSWAY. SEE GEN. NOTE #7, DWG E-1.

65th FLOOR

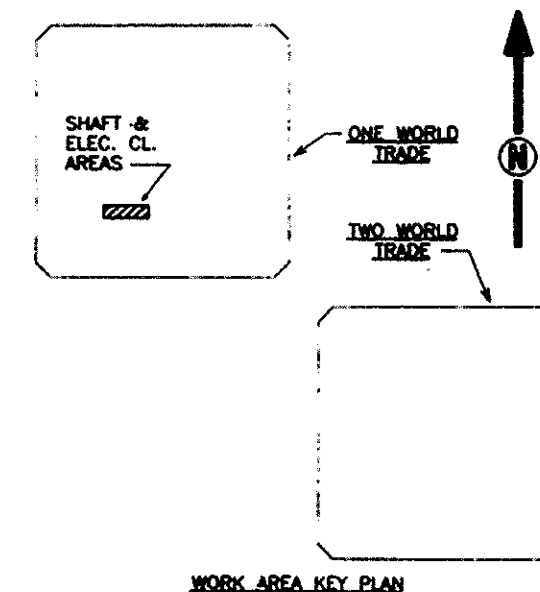
SEE GENERAL NOTE #9 & #10, DWG E-1.

REMOVE 1 EXISTING PLUG-IN SWITCH FROM EXISTING BUSWAY & REINSTALL AFTER INSTALLATION OF REPLACEMENT BUSWAYS. REPLACE EXISTING PANEL FEEDERS AS REQUIRED.

REMOVE EXISTING 1600A ALUMINUM BUSWAY. SEE GENERAL NOTE #13 & 14 DWG E-1.

EXIST 1600A BUSWAY TO REMAIN (TYP)

64th FLOOR



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THE PORT AUTHORITY OF NY & NJ

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3/15/01 Drawings of Record  
No. Date Revision Approved

Engineering Department  
Design Division

The World Trade Center  
Electrical/HVAC  
Upgrade Program

LOW VOLTAGE DISTRIBUTION

ONE WTC  
ELECTRICAL

65TH & 84TH FLOOR

SOUTH SIDE

ELECTRIC CLOSET PART PLAN

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without it's written consent.

CJ/CADD MW/CADD FJL  
Designed by Drawn by Checked by

Date 10/4/93 Scale 1/4"=1'-0"

Contract Number Drawing Number

WTC-804.041 E-15

FILE NAME: P15ED21P